vocaburary

variable	holds a value and can be changed
string	a list of characters such as numbers, letters, symbols
comment	The pieces of program text which are ignored by Python are called comments.
float	The type used to represent numbers with a fractional part.

Multiplication and Exponents

string * number	combine that string multiple times
string * string	crash
number * number	math - multiply
string ** number	crash

symbol

=	assigns the value on the right to a variable on the left
==	Tests if two things have the same value
"""	quotes out everything beneath/after these triple quotes until it reaches another triple quotes

code

print (name.upper())
print (name.lower())
print (name.capitalize())
print (name.title())

Addition

string + string	combine together
string + number	crash
number + number	math - addition

data type

true	True boolean value.	True or False == True
false	False boolean value.	False and True == False
non	Represents "nothing" or "no value".	x = None
string	Stores textual information.	x = "hello"
number	Stores integers.	i = 100
floats	Stores decimals.	i = 10.389
lists	Stores a list of things.	j = [1,2,3,4]
dicts	Stores a key=value mapping of things.	e = {'x': 1, 'y': 2}

function

print()	displays information on the screen
input()	receives information from the user
int()	converts a value to an integer